## **CHEMICAL ENGINEERING**

Revised 11-07-02

AUBURN STATE UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING 230 ROSS HALL AUBURN UNIVERSITY, AL 36849-5127 COLLEGE OF ENGINEERING, ARCHITECTURE & PHYSICAL SCIENCES TUSKEGEE UNIVERSITY TUSKEGEE, AL 36088

DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF ALABAMA IN HUNTSVILLE 130 ENGINEERING BUILDING HUNTSVILLE, AL 35899 DIRECTOR OF GRADUATE STUDIES DEPARTMENT OF CHEMICAL ENGINEERING THE UNIVERSITY OF ALABAMA BOX 870203 TUSCALOOSA, AL 35487-0203 CHEMICAL AND MATERIALS ENGINEERING ARIZONA STATE UNIVERSITY BOX 876006 TEMPE, AZ 85287-6006

DEPARTMENT OF CHEMICAL ENGINEERING BELL 3202, UNIVERSITY OF ARKANSAS FAYETTEVILLE, AR 72701 DEPARTMENT OF CHEMICAL ENGINEERING CALIFORNIA INSTITUTE OF TECHNOLOGY MAIL CODE 210-41 1200 E. CALIFORNIA BLVD. PASADENA, CA 91125 DEPARTMENT OF CHEMICAL ENGINEERING CALIFORNIA STATE UNIVERSITY, LONG BEACH DEPT OFFICE: EN2-101 LONG BEACH, CA 90840

DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING ENGINEERING BUILDING, ROOM 385 ONE WASHINGTON SQUARE SAN JOSE, CA 95192 DEPARTMENT OF CHEMICAL ENGINEERING STAUFFER III STANFORD UNIVERSITY 381 NORTH-SOUTH MALL STANFORD, CA 94305-5025 DEPARTMENT OF CHEMICAL ENGINEERING 201 GILMAN HALL UNIVERSITY OF CALIFORNIA BERKELEY, CA 94720-1462

CHEMICAL ENGINEERING AND MATERIALS SCIENCE STUDENT SERVICE UNIT, 3116 BAINER ONE SHIELDS AVENUE DAVIS, CA 95616-5294 GRADUATE PROGRAM IN CHEMICAL AND BIOCHEMICAL ENGINEERING UNIVERSITY OF CALIFORNIA, IRVINE 916 ENGINEERING TOWER IRVINE, CA 92697-2575 CHEMICAL ENGINEERING DEPARTMENT 5531 BOELTER HALL BOX 951592 LOS ANGELES, CA 90095-1592

UNIVERSITY OF CALIFORNIA, SAN DIEGO CHEMICAL ENGINEERING DEPT. 181 ENGINEERING BLDG. 2, MAIL CODE 0413 9500 GILMAN DRIVE LA JOLLA, CA 92093-0413 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF CALIFORNIA, SANTA BARBARA SANTA BARBARA, CA 93106-5080 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CA 90089-1211

DEPARTMENT OF CHEMICAL ENGINEERING COLORADO SCHOOL OF MINES GOLDEN, CO 80401 CHEMICAL ENGINEERING COLORADO STATE UNIVERSITY 100 GLOVER BUILDING FORT COLLINS, CO 80523 -1370 CHEMICAL ENGINEERING ECCH 111 424 UNIVERSITY OF COLORADO AT BOULDER BOULDER, CO 80309-0424

UNIVERSITY OF CONNECTICUT CHEMICAL ENGINEERING DEPARTMENT 191 AUDITORIUM ROAD, UNIT 3222 STORRS, CT 06269-3222 DEPARTMENT OF CHEMICAL ENGINEERING P.O. BOX 208286 NEW HAVEN CT 06520-8286 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF DELAWARE NEWARK, DE 19716

DEPARTMENT OF CHEMICAL ENGINEERING -COLLEGE OF ENGINEERING, ARCHITECTURE AND COMPUTER SCIENCES HOWARD UNIVERSITY 2300 SIXTH STREET, N.W. WASHINGTON, DC 20059 DEPARTMENT OF CHEMICAL ENGINEERING FAMU-FSU COLLEGE OF ENGINEERING 2525 POTTSDAMER STREET TALLAHASSEE, FL 32310-6046 CHEMICAL ENGINEERING DEPARTMENT ROOM 237 CHEMICAL ENGINEERING BUILDING PO BOX 116005 GAINESVILLE, FL 32611-6005

UNIVERSITY OF SOUTH FLORIDA DEPARTMENT OF CHEMICAL ENGINEERING 4202 E. FOWLER AVENUE, ENB 118 TAMPA, FL 33620 SCHOOL OF CHEMICAL ENGINEERING GEORGIA INSTITUTE OF TECHNOLOGY 778 ATLANTIC DRIVE, N.W. ATLANTA, GA 30332-0100 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF IDAHO P.O. BOX 441021 MOSCOW, ID 83844-1021 CHEMICAL AND ENVIRONMENTAL ENGINEERING DEPARTMENT ILLINOIS INSTITUTE OF TECHNOLOGY 3300 SOUTH FEDERAL STREET CHICAGO, IL 60616 DEPARTMENT OF CHEMICAL ENGINEERING 2145 SHERIDAN EVANSTON, IL 60208-1230 CHEMICAL ENGINEERING DEPARTMENT UNIVERSITY OF ILLINOIS AT CHICAGO 810 S. CLINTON ST. (M/C 110) CHICAGO, IL 60607

DEPT OF CHEMICAL & BIOMOLECULAR ENGR UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 114 ROGER ADAMS LABORATORY, MC-712 600 SOUTH MATHEWS AVENUE URBANA, IL 61801-3792 SCHOOL OF CHEMICAL ENGINEERING PURDUE UNIVERSITY 1283 CHEMICAL ENGINEERING WEST LAFAYETTE, IN 47907-1283 CHEMICAL ENGINEERING DEPARTMENT IOWA STATE UNIVERSITY 2114 SWEENEY HALL AMES, IA 50011-2230

DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING UNIVERSITY OF IOWA 4133 SEAMANS CENTER IOWA CITY, IA 52242-1527 DEPARTMENT OF CHEMICAL ENGINEERING KANSAS STATE UNIVERSITY ROOM 105, DURLAND HALL MANHATTAN, KS 66506-5102 CHEMICAL AND PETROLEUM ENGINEERING THE UNIVERSITY OF KANSAS 4006 LEARNED HALL 1530 W. 15TH STREET LAWRENCE, KS 66045-7609

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177 ANDERSON HALL
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DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF LOUISVILLE LOUISVILLE, KY 40292 DEPT OF CHEMICAL ENGINEERING LOUISIANA STATE UNIVERSITY 110 CHEMICAL ENGINEERING SOUTH STADIUM ROAD BATON ROUGE, LA 70803

DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF LOUISIANA AT LAFAYETTE P.O. BOX 44130 LAFAYETTE, LA 70504-4130 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF MAINE 117 JENNESS HALL ORONO, ME 04469-5737 DEPT OF CHEMICAL & NUCLEAR ENGINEERING UNIVERSITY OF MARYLAND 2113 CHEMICAL AND NUCLEAR ENGINEERING BLDG COLLEGE PARK, MD 20742

CHEMICAL & BIOCHEMICAL ENGINEERING UNIVERSITY OF MARYLAND, BALTIMORE COUNTY 1000 HILLTOP CIRCLE BALTIMORE, MD 21250 CHEMICAL ENGINEERING DEPARTMENT WORCESTER POLYTECHNIC INSTITUTE 100 INSTITUTE ROAD WORCESTER, MA 01609-2280 CHEMICAL ENGINEERING DEPARTMENT UNIVERSITY OF MASSACHUSETTS AMHERST 686 N. PLEASANT STREET AMHERST, MA 01003-3110

MICHIGAN TECHNOLOGICAL UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING 1400 TOWNSEND DRIVE HOUGHTON, MI 49931 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF MICHIGAN - ANN ARBOR 3074 H.H. DOW BUILDING 2300 HAYWARD ST. ANN ARBOR, MI 48109-2136 CHEMICAL ENGINEERING AND MATERIALS SCIENCE DEPARTMENT WAYNE STATE UNIVERSITY DETROIT, MI 48202

CHEMICAL ENGINEERING AND MATERIALS SCIENCE DEPARTMENT UNIVERSITY OF MINNESOTA 151 AMUNDSON HALL 421 WASHINGTON AVENUE SE MINNEAPOLIS, MN 55455-0132 THE DAVE C. SWALM SCHOOL OF CHEMICAL ENGINEERING MISSISSIPPI STATE UNIVERSITY P.O. BOX 9595 MISSISSIPPI STATE, MS 39762 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF MISSISSIPPI POST OFFICE BOX 1848 UNIVERSITY, MS 38677-1848

DEPARTMENT OF CHEMICAL ENGINEERING SCHOOL OF ENGINEERING UNIVERSITY OF MISSOURI-ROLLA 143 SCHRENK HALL 1870 MINER CIRCLE ROLLA, MO 65409-0840 CHEMICAL ENGINEERING UNIVERSITY OF NEBRASKA 231 AVERY HALL LINCOLN, NE 68588-0126 CHEMICAL ENGINEERING
UNIVERSITY OF NEW HAMPSHIRE
258 KINGSBURY HALL
33 COLLEGE ROAD
DURHAM, NH 03824-3591

DEPARTMENT OF CHEMICAL ENGINEERING NEW JERSEY INSTITUTE OF TECHNOLOGY UNIVERSITY HEIGHTS NEWARK, NJ 07102-1982 DEPARTMENT OF CHEMICAL ENGINEERING PRINCETON UNIVERSITY A-217 ENGINEERING QUADRANGLE PRINCETON UNIVERSITY, NJ 08544 ATTN: UNDERGRADUATE OFFICE DEPT. OF CHEMICAL AND BIOCHEMICAL ENGR RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 98 BRETT ROAD PISCATAWAY, NJ 08854-8058 DEPARTMENT OF CHEMICAL ENGINEERING CHEMISTRY AND ENVIRONMENTAL SCIENCE NEW JERSEY INSTITUTE OF TECHNOLOGY UNIVERSITY HEIGHTS NEWARK, N.J 07102-1982 CHEMICAL AND NUCLEAR ENGINEERING THE UNIVERSITY OF NEW MEXICO 209 FARRIS ENGINEERING CENTER ALBUQUERQUE, NM 87131-1341 DEPARTMENT OF CHEMICAL ENGINEERING SCHOOL OF ENGINEERING & APPLIED SCIENCE COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 500 W. 120 STREET, ROOM 812 NEW YORK, NY 10027

SCHOOL OF CHEMICAL ENGINEERING CORNELL UNIVERSITY 358 OLIN HALL ITHACA, NY 14853 DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING POLYTECHNIC UNIVERSITY OF NEW YORK 6 METROTECH CENTER BROOKLYN, NY 11201 CHEMICAL ENGINEERING DEPARTMENT RICKETTS BUILDING RENSSELAER POLYTECHNIC INSTITUTE 110 8TH STREET TROY, NY 12180-3590

DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF BUFFALO FURNAS HALL, RM. 307 NORTH CAMPUS BUFFALO, NY 14260-4200 DEPARTMENT OF CHEMICAL ENGINEERING 206 GAVETT HALL RC 270166 ROCHESTER, NY 14627-0166 DEPARTMENT OF CHEMICAL ENGINEERING 113 RIDDICK ENGINEERING LABORATORIES, BOX 7905 RALEIGH, NC 27695

DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF NORTH DAKOTA PO BOX 7101 GRAND FORKS, ND 58202-7101 DEPARTMENT OF CHEMICAL ENGINEERING CASE WESTERN RESERVE UNIVERSITY A.W. SMITH BUILDING, ROOM 116 10900 EUCLID AVENUE CLEVELAND, OH 44106-7217 DEPT OF CHEMICAL ENGINEERING CLEVELAND STATE UNIVERSITY 1960 EAST 24TH STREET - SH 455 CLEVELAND, OH 44115-2425

DEPARTMENT OF CHEMICAL ENGINEERING THE OHIO STATE UNIVERSITY - COLUMBUX 125 KOFFOLT LABORATORIES 140 WEST  $19^{\text{TH}}$  AVENUE COLUMBUS, OH 43210

DEPT. OF CHEMICAL ENGINEERING THE UNIVERSITY OF AKRON AKRON, OH 44325-3906 CHEMICAL ENGINEERING DEPARTMENT ML#171 UNIVERSITY OF CINCINNATI CINCINNATI, OH 45221

DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF DAYTON KETTERING LAB, ROOM 445 300 COLLEGE PARK DAYTON, OH 45469-0246 CHEMICAL AND ENVIRONMENTAL ENGINEERING DEPARTMENT UNIVERSITY OF TOLEDO TOLEDO, OH 43606 SCHOOL OF CHEMICAL ENGINEERING OKLAHOMA STATE UNIVERSITY 423 ENGINEERING NORTH STILLWATER, OK 74078-1019

SCHOOL OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE UNIVERSITY OF OKLAHOMA 100 E. BOYD, ROOM T-335 NORMAN, OK 73019-1004 DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF TULSA 600 S. COLLEGE AVE. TULSA, OK 74104-3189 DEPARTMENT OF CHEMICAL ENGINEERING OREGON STATE UNIVERSITY 103 GLEESON HALL CORVALLIS, OR 97331-2702

DEPARTMENT OF CHEMICAL ENGINEERING BUCKNELL UNIVERSITY LEWISBURG, PA 17837 DEPARTMENT OF CHEMICAL ENGINEERING CARNEGIE MELLON UNIVERSITY PITTSBURGH, PA 15213-3890 DEPARTMENT OF CHEMICAL ENGINEERING DREXEL UNIVERSITY PHILADELPHIA, PA 19104

CHEMICAL ENGINEERING DEPARTMENT LEHIGH UNIVERSITY B323 IACOCCA HALL 111 RESEARCH DRIVE BETHLEHEM, PA 18015 DEPARTMENT OF CHEMICAL ENGINEERING THE PENNSYLVANIA STATE UNIVERSITY 158 FENSKE LABORATORY UNIVERSITY PARK, PA 16802-4400 DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING UNIVERSITY OF PENNSYLVANIA TOWNE BUILDING, ROOM 311A 220 SOUTH 33RD STREET PHILADELPHIA, PA 19104-6393

DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING UNIVERSITY OF PITTSBURGH ROOM 1249 BENEDUM HALL PITTSBURGH, PA 15261 VILLANOVA UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING 800 LANCASTER AVE. VILLANOVA, PA 19085 DEPARTMENT OF CHEMICAL ENGINEERING WIDENER UNIVERSITY ONE UNIVERSITY PLACE CHESTER, PA 19013-4059 CHEMICAL ENGINEERING DEPARTMENT UNIVERSITY OF RHODE ISLAND 205 CRAWFORD HALL KINGSTON, RI 02881 CLEMSON UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING 127 EARLE HALL CLEMSON, SC 29634-0905 CHEMICAL ENGINEERING DEPARTMENT UNIVERSITY OF SOUTH CAROLINA SWEARINGEN ENGINEERING CENTER DEPT OF CHEMICAL ENGR, RM 2C02 COLUMBIA, SC 29208

SD SCHOOL OF MINES AND TECHNOLOGY DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING CHEMISTRY AND CHEMICAL ENGINEERING 308 RAPID CITY, SD 57701 SD SCHOOL OF MINES AND TECHNOLOGY DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING CHEMICAL/CHEMICAL ENGINEERING 122 RAPID CITY, SD 57701 DEPARTMENT OF CHEMICAL ENGINEERING TENNESSEE TECHNOLOGICAL UNIVERSITY BOX 5013 COOKEVILLE, TN 38505

DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF TENNESSEE 419 DOUGHERTY HALL KNOXVILLE, TN 37996-2200 DEPARTMENT OF CHEMICAL ENGINEERING VANDERBILT UNIVERSITY VU STATION B, BOX 351604 NASHVILLE, TN 37235-1604 CHEMICAL ENGINEERING DEPARTMENT LAMAR UNIVERSITY P.O. BOX 10053 BEAUMONT, TX 77710-0053

CHEMICAL ENGINEERING DEPT. MS-362 RICE UNIVERSITY PO BOX 1892 HOUSTON, TX 77251 DEPARTMENT OF CHEMICAL ENGINEERING TEXAS A&M UNIVERSITY 3122 TAMU COLLEGE STATION, TX 77843-3122 ATTN: MARY BETH ABERNATHY DEPARTMENT OF CHEMICAL ENGINEERING TEXAS TECH UNIVERSITY P.O. BOX 43121 LUBBOCK, TX 79409-3121

CHEMICAL ENGINEERING DEPARTMENT UNIVERSITY OF HOUSTON - MAIN CAMPUS HOUSTON, TX 77204-4004 DEPARTMENT OF CHEMICAL ENGINEERING CHEMICAL AND PETROLEUM ENGINEERING (CPE 2.802) THE UNIVERSITY OF TEXAS AT AUSTIN AUSTIN, TX 78712-1062 CHEMICAL ENGINEERING DEPARTMENT BRIGHAM YOUNG UNIVERSITY 350 CB PROVO, UT 84602

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ENGINEERING
50 S CENTRAL CAMPUS DR, ROOM 3290
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DEPARTMENT OF CHEMICAL ENGINEERING UNIVERSITY OF VIRGINIA 102 ENGINEERS' WAY P.O. BOX 400741 CHARLOTTESVILLE, VA 22904-4741

CHEMICAL ENGINEERING VIRGINIA COMMONWEALTH UNIVERSITY P.O. BOX 843028 RICHMOND, VA 23284-3028

CHEMICAL ENGINEERING DEPARTMENT VIRGINIA TECH 133 RANDOLPH HALL (0211) BLACKSBURG, VA 24061

CHEMICAL ENGINEERING UNIVERSITY OF WASHINGTON BOX 351750 SEATTLE, WA 98195-1750 DEPARTMENT OF CHEMICAL ENGINEERING WASHINGTON STATE UNIVERSITY PO BOX 642710 PULLMAN, WA 99164-2710

CHEMICAL ENGINEERING PROGRAM WSU TRI-CITIES 2710 UNIVERSITY DRIVE RICHLAND, WA 99352-1671 CHEMICAL ENGINEERING WEST VIRGINIA UNIVERSITY PO BOX 6102 MORGANTOWN, WV 26506-6102 CHEMICAL ENGINEERING DEPARTMENT UNIVERSITY OF WISCONSIN-MADISON 2020 ENGINEERING HALL 1415 ENGINEERING DRIVE MADISON, WI 53706-1691